Applicant:

Serial No.:

10590139 - GAU: 3738

Neil Duggal, et al. 10/590,139 2/11/2008

Docket No. HO-P03203US0

Sheet Lof 10

Group:

Filing Date: ARTIFICIAL SPINAL DISC For:

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT U.S. Patent Documents

Examiner <u>Initial*</u>	Document Number	Issue/Publication Date	<u>Name</u>
1	US3867728	2/25/1975	Stubstad; James A.
2	US3875595	4/8/1975	Froning; Edward C.
3	US4309777	1/12/1982	Patil; Arun A.
4	US4714469	12/22/1987	Kenna; Robert V.
5	US4863476	9/5/1989	Shepperd; John A. N.
6	US4863477	9/5/1989	Monson; Gary L.
7	US4874389	10/17/1989	Downey; Ernest L.
8	US4911718	3/27/1990	Lee; Casey K.
9	US4946378	8/7/1990	Hirayama; Yasuhiko
10	US4997432	3/5/1991	Keller; Arnold
11	US5002576	3/26/1991	Fuhrmann; Gerhard
12	US5071437	12/10/1991	Steffee, Arthur D.
13	US5123926	6/23/1992	Pisharodi; Madhavan
14	US5258031	11/2/1993	Salib; Richard M.
15	US5306308	4/26/1994	Gross; Ulrich
16	US5314477	5/24/1994	Marnay; Thierry
17	US5350644	9/27/1994	Graetzel; Michael

Examiner: Date Considered:

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant:

Serial No.:

Examiner:

Neil Duggal, et al. 10/590,139 10590139 - GAU: 3738 Sheet 2 of 10

Docket No. HO-P03203US0 Group:

Filing Date: 2/11/2008 For: ARTIFICIAL SPINAL DISC

U.S. Patent Documents				
Examiner <u>Initial*</u>	Document Number	Issue/Publication	Name	
18	US5370697	12/6/1994	Baumgartner; Walter	
19	US5401269	3/28/1995	Buttner-Janz; Karin	
20	US5458642	10/17/1995	Beer; John C.	
21	US5507816	4/16/1996	Bullivant; Michael	
22	US5534029	7/9/1996	Shima; Toshio	
23	US5534030	7/9/1996	Navarro; Richard R.	
24	US5556431	9/17/1996	Buttner-Janz; Karin	
25	U\$5645596	7/8/1997	Kim; Phyo	
26	US5674294	10/7/1997	Bainville; Daniel	
27	US5676701	10/14/1997	Yuan; Hansen A.	
28	US5676702	10/14/1997	Ratron; Yves-Alain	
29	US5683465	11/4/1997	Shinn; Gary Lee	
30	US5702450	12/30/1997	Bisserie; Michel	
31	US5755796	5/26/1998	Ibo; Ivo	
32	US5824094	10/20/1998	Serhan; Hassan	
33	US5827328	10/27/1998	Buttermann; Glenn R.	
34	US5865846	2/2/1999	Bryan; Vincent	
35	US5888226	3/30/1999	Rogozinski; Chaim	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant:

Serial No.:

Examiner:

Neil Duggal, et al. 10/590,139 10590139 - GAU: 3738 Sheet 3 of 10

Docket No. HO-P03203US0 Group:

Filing Date: 2/11/2008 For: ARTIFICIAL SPINAL DISC

ror.	ARTIFICIAL SP	U.S. Patent Documents	
Examiner <u>Initial*</u>	Document Number	Issue/Publication Date	Name
36	US5893889	4/13/1999	Harrington; Michael
37	US5895428	4/20/1999	Berry; Don
38	US5898428	4/27/1999	Zimlich; David A.
39	US5899941	5/4/1999	Nishijima; Yuichiro
40	US5919235	7/6/1999	Husson; Jean-Louis
41	US5928284	7/27/1999	Mehdizadeh; Hamid M.
42	US5989291	11/23/1999	Ralph; James D.
43	US6001130	12/14/1999	Bryan; Vincent
44	US6019792	2/1/2000	Cauthen; Joseph C.
45	US6039763	3/21/2000	Shelokov; Alexis P.
46	US6051751	4/18/2000	Sioshansi; Piran
47	US6063121	5/16/2000	Xavier; Ravi
48	US6066174	5/23/2000	Farris; Robert A.
49	US6113637	9/5/2000	Gill; Steven S.
50	US6136031	10/24/2000	Middleton; Lance M.
51	US6146421	11/14/2000	Gordon; Dennis P.
52	US6146422	11/14/2000	Lawson; Kevin Jon
53	US6179874	1/30/2001	Cauthen; Joseph C.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant:

Serial No.:

Examiner:

Neil Duggal, et al. 10/590,139 10590139 - GAU: 3738 Sheet 4 of 10

Docket No. HO-P03203US0 Group:

Filing Date: 2/11/2008 For: ARTIFICIAL SPINAL DISC

U.S. Patent Documents

Examiner <u>Initial*</u>	Document Number	Issue/Publication Date	<u>Name</u>
54	US6368350	4/9/2002	Erickson; Richard A.
55	US6375682	4/23/2002	Fleischmann; Lewis W.
56	US6402785	6/11/2002	Zdeblick; Thomas A.
57	US6416551	7/9/2002	Keller; Arnold
58	US6468310	10/22/2002	Ralph; James D.
59	US6478800	11/12/2002	Fraser; Robert D.
60	US6517580	2/11/2003	Ramadan; Aymen
61	US6520996	2/18/2003	Manasas; Mark
62	US6527804	3/4/2003	Gauchet; Fabien
63	US6562045	5/13/2003	Gil; Carlos
64	US6579320	6/17/2003	Gauchet; Fabien
65	US6579321	6/17/2003	Gordon; Jeffrey D.
66	US6592624	7/15/2003	Fraser; Robert D.
67	US6599320	7/29/2003	Kuslich; Stephen D.
68	US6610093	8/26/2003	Pisharodi; Madhavan
69	US6626943	9/30/2003	Eberlein; Robert
70	US6652533	11/25/2003	O'Neil; Michael J.
71	US6669730	12/30/2003	Ralph; James D.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant:

Serial No.:

Examiner:

Neil Duggal, et al. 10/590,139 10590139 - GAU: 3738 Sheet 5 of 10

Docket No. HO-P03203US0 Group:

Filing Date: 2/11/2008 For: ARTIFICIAL SPINAL DISC

		U.S. Patent Documents	
Examiner <u>Initial*</u>	Document Number	Issue/Publication Date	<u>Name</u>
72	US6682562	1/27/2004	Viart; Guy
73	US6706068	3/16/2004	Ferree; Bret A.
74	US6709439	3/23/2004	Rogers; Christopher
75	US6726720	4/27/2004	Ross; Raymond
76	US6740118	5/25/2004	Eisermann; Lukas
77	US6749635	6/15/2004	Bryan; Vincent
78	US6761723	7/13/2004	Buttermann; Glenn Robin
79	US6770094	8/3/2004	Fehling; Gerald
80	US6770095	8/3/2004	Grinberg; Alexander
81	US6793678	9/21/2004	Hawkins; John Riley
82	US6881228	4/19/2005	Zdeblick; Thomas A.
83	US6899735	5/31/2005	Coates; Bradley J.
84	US6908484	6/21/2005	Zubok; Rafail
85	US6936071	8/30/2005	Marnay; Thierry
86	US6949105	9/27/2005	Bryan; Vincent
87	US6960232	11/1/2005	Lyons; Matthew
88	US6964686	11/15/2005	Gordon; Jeffrey D.
89	US6966929	11/22/2005	Mitchell; Steve

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant:

Serial No.:

Examiner:

Neil Duggal, et al. 10/590,139 10590139 - GAU: 3738 Sheet 6 of 10

Docket No. HO-P03203US0 Group:

Filing Date: 2/11/2008 For: ARTIFICIAL SPINAL DISC

For. ACTIFICIAE SPINAE DISC				
U.S. Patent Documents				
Examiner <u>Initial*</u>	Document Number	Issue/Publication Date	<u>Name</u>	
90	US6976988	12/20/2005	Ralph; James D.	
91	US6986789	1/17/2006	Schultz; Robert	
92	US6989032	1/24/2006	Errico; Joseph P.	
93	US6994727	2/7/2006	Khandkar; Ashok C	
94	US7001432	2/21/2006	Keller; Arnold	
95	US7001433	2/21/2006	Songer; Matthew N.	
96	US7025787	4/11/2006	Bryan; Vincent	
97	US7048764	5/23/2006	Ferree; Bret A.	
98	US7048766	5/23/2006	Ferree; Bret A.	
99	US7056344	6/6/2006	Huppert; Jean	
100	US7060097	6/13/2006	Fraser; Robert	
101	US7060099	6/13/2006	Carli; Olivier	
102	US7066961	6/27/2006	Michelson; Gary Karlin	
103	US7101400	9/5/2006	Thramann; Jeffrey	
104	US7105024	9/12/2006	Richelsoph; Marc	
105	US7118580	10/10/2006	Beyersdorff; Boris	
106	US7147665	12/12/2006	Bryan; Vincent	
107	US7153325	12/26/2006	Kim; Daniel H.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant:

Serial No.:

Examiner:

Neil Duggal, et al. 10/590,139 10590139 - GAU: 3738 Sheet 7 of 10

Docket No. HO-P03203US0 Group:

Filing Date: 2/11/2008 For: ARTIFICIAL SPINAL DISC

U.S. Patent Documents				
Examiner <u>Initial*</u>	Document Number	Issue/Publication Date	<u>Name</u>	
108	US7156848	1/2/2007	Ferree; Bret A.	
109	US7156876	1/2/2007	Moumene; Missoum	
110	US7166131	1/23/2007	Studer; Armin	
111	US7179294	2/20/2007	Eisermann; Lukas	
112	US7201776	4/10/2007	Ferree; Bret A.	
113	US7204852	4/17/2007	Marnay; Theirry	
114	US7217291	5/15/2007	Zucherman; James F	
115	US7226452	6/5/2007	Zubok; Rafail	
116	US7235101	6/26/2007	Berry; Bret M.	
117	US7244275	7/17/2007	Michelson; Gary K.	
118	US7255714	8/14/2007	Malek; Michel H.	
119	US7267691	9/11/2007	Keller; Arnold	
120	US7276082	10/2/2007	Zdeblick; Thomas A	
121	US7291171	11/6/2007	Ferree; Bret A.	
122	US2002035400A1	3/21/2002	Bryan, Vincent	
123	US2004153157A1	8/5/2004	Keller, Arnold	
124	US2004158328A1	8/12/2004	Eisermann, Lukas	
125	US2004243240A1	12/2/2004	Beaurain, Jacques	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neil Duggal, et al.

10590139 - GAU: 3738 Sheet 8 of 10

Applicant: Serial No.: 10/590,139 Filing Date: 2/11/2008

Docket No. HO-P03203US0 Group:

ARTIFICIAL SPINAL DISC For:

Examiner <u>Initial*</u>	O.S. F Document Number	Issue/Publication Date	<u>Name</u>
126	US2005015152A1	1/20/2005	Sweeney, Patrick J.
127	US2005113926A1	5/26/2005	Zucherman; James F.
128	US2005216086A1	9/29/2005	Marik; Greg
129	US2006030862A1	2/9/2006	De Villiers; Malan
130	US2006052872A1	3/9/2006	Studer; Armin
131	US2006136061A1	6/22/2006	Navarro; Richard R
132	US2007198093A1	8/23/2007	Brodke; Darrel S.
133	US2007225812A1	9/27/2007	Gill; Steven Streatfield

Examiner: Date Considered:

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neil Duggal, et al. 10/590,139

2/11/2008

10590139 - GAU: 3738 Sheet 9 of 10

Docket No. HO-P03203US0 Group:

Serial No.: Filing Date: For:

Applicant:

ARTIFICIAL SPINAL DISC

Foreign Patent Documents Examiner Document Publication Country or Initial* Patent Office Number Date Translation 134 WO09526697A1 10/12/1995 WIPO N/A ____ 135 WO04064692A2 8/5/2004 WIPO N/A 136 WO04089259A1 10/21/2004 WIPO N/A ____ 137 WO05039455A1 5/6/2005 WIPO N/A ____ 138 N/A WO05046534A1 5/26/2005 WIPO ____ 139 WO05053580A1 6/16/2005 WIPO N/A ____ 140 WO07063398A2 6/7/2007 WIPO N/A 141 EP042271A1 12/23/1981 EPO N/A ____ 142 EP176728A1 4/9/1986 German Abstract ____ 143 EP282161A1 9/14/1988 FPO N/A ____ 144 EP298233A1 1/11/1989 German Abstract

Examiner:	Date Considered:	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Receipt date: 12/04/2008 10590139 - GAU: 3738
Form Equivalent To PTO-1449 Sheet 10 of 10

 Applicant:
 Neil Duggal, et al.

 Serial No.:
 10/590,139
 Docket No. HO-P03203US0

 Filing Date:
 2/11/2008
 Group:

 For:
 ARTIFICIAL SPINAL DISC

Other Documents
(including author, title, pertinent pages, etc.)

		(including author, title, pertinent pages, et
Examiner <u>Initial</u> *		
145	******	

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

K:\Intellectual Property\ IDS citation.doc

Examiner: /Bruce Snow/ Date Considered: 03/10/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.